Resource Summary Report

Generated by <u>dkNET</u> on Apr 17, 2025

DAVID

RRID:SCR_001881 Type: Tool

Proper Citation

DAVID (RRID:SCR_001881)

Resource Information

URL: https://david.ncifcrf.gov/

Proper Citation: DAVID (RRID:SCR_001881)

Description: Bioinformatics resource system including web server and web service for functional annotation and enrichment analyses of gene lists. Consists of comprehensive knowledgebase and set of functional analysis tools. Includes gene centered database integrating heterogeneous gene annotation resources to facilitate high throughput gene functional analysis.

Abbreviations: DAVID

Synonyms: DAVID Bioinformatics Resources, Visualization and Integrated Discovery Bioinformatics Resources, Database for Annotation Visualization and Integrated Discovery, The Database for Annotation, The Database for Annotation Visualization and Integrated Discovery Bioinformatics Resources

Resource Type: web service, data access protocol, database, data or information resource, software resource

Defining Citation: PMID:19131956, PMID:12734009, PMID:35325185, PMID:22543366, PMID:17980028, PMID:17576678

Keywords: functional domain, annotation, motif, protein, ontology enrichment, gene, highthroughput, functional classification, functional annotation, clustering, genome, pathway, gene-disease association, interaction, functional domain, motif, visualization, FASEB list

Funding: NIAID NO1-CO-56000; NCI Availability: Free, Freely available

Resource Name: DAVID

Resource ID: SCR_001881

Alternate IDs: nif-0000-30408, nif-0000-10451, OMICS_02220, SCR_003033

Old URLs: http://david.abcc.ncifcrf.gov/

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250417T065102+0000

Ratings and Alerts

No rating or validation information has been found for DAVID.

No alerts have been found for DAVID.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17614 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Wei Y, et al. (2025) S100A8/A9 Promotes Dendritic Cell-Mediated Th17 Cell Response in Sjögren's Dry Eye Disease by Regulating the Acod1/STAT3 Pathway. Investigative ophthalmology & visual science, 66(1), 35.

Zhao Y, et al. (2025) Aurora kinase B inhibitor AZD1152: repurposing for treatment of lupus nephritis driven by the results of clinical trials. EBioMedicine, 112, 105553.

Sahin F, et al. (2025) Enhancing proteasome activity by NMDAR antagonists explains their therapeutic effect in neurodegenerative and mental diseases. Scientific reports, 15(1), 1165.

Wang Z, et al. (2025) PRAF2 as a novel biomarker for breast cancer with machine learning and experimentation validation. BMC cancer, 25(1), 32.

Lin D, et al. (2025) Multiorgan proteomic analysis of infected animal models predict potential host factors for chikungunya virus. MedComm, 6(1), e70013.

Yu L, et al. (2025) Investigation of Anti-Apoptotic Effects and Mechanisms of Astragaloside IV in a Rat Model of Cerebral Ischemia-Reperfusion Injury. CNS neuroscience & therapeutics, 31(1), e70209.

Zhang Y, et al. (2025) Exploring the Underlying Mechanism of Weiling Decoction Alleviates Cold-Dampness Diarrhea Based on Network Pharmacology, Transcriptomics, Molecular Docking and Experimental Validation. Pharmaceuticals (Basel, Switzerland), 18(1).

Gallo MB, et al. (2025) Proteomic analysis of Trichoderma harzianum secretome and their role in the biosynthesis of zinc/iron oxide nanoparticles. Scientific reports, 15(1), 3252.

Hashemi Karoii D, et al. (2025) Identification of novel cytoskeleton protein involved in spermatogenic cells and sertoli cells of non-obstructive azoospermia based on microarray and bioinformatics analysis. BMC medical genomics, 18(1), 19.

Huang J, et al. (2025) Methyl 3-Bromo-4,5-dihydroxybenzoate Attenuates Inflammatory Bowel Disease by Regulating TLR/NF-?B Pathways. Marine drugs, 23(1).

Rosato BE, et al. (2025) RAS signaling pathway is essential in regulating PIEZO1-mediated hepatic iron overload in dehydrated hereditary stomatocytosis. American journal of hematology, 100(1), 52.

Ben-Jemaa S, et al. (2025) Genome-wide scans for signatures of selection in North African sheep reveals differentially selected regions between fat- and thin-tailed breeds. Animal genetics, 56(1), e13487.

Giovannini S, et al. (2025) Thioredoxin-interacting protein (TXNIP) is a substrate of the NEDD4-like E3 ubiquitin-protein ligase WWP1 in cellular redox state regulation of acute myeloid leukemia cells. Molecular oncology, 19(1), 133.

Yamakawa A, et al. (2025) Alzheimer's disease may develop from changes in the immune system, cell cycle, and protein processing following alterations in ribosome function. Scientific reports, 15(1), 3838.

Yan H, et al. (2025) Time-Lapse Acquisition of Both Freely Secreted Proteome and Exosome Encapsulated Proteome in Live Organoids' Microenvironment. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(2), e2406509.

Adim H, et al. (2025) iTRAQ-based quantitative proteomic analysis of herbicide stress in Avena Iudoviciana Durieu. Scientific reports, 15(1), 577.

Ma H, et al. (2025) ALKBH5 acts a tumor-suppressive biomarker and is associated with immunotherapy response in hepatocellular carcinoma. Scientific reports, 15(1), 55.

Li Q, et al. (2025) Polystyrene microplastics induce liver fibrosis and lipid deposition in mice through three hub genes revealed by the RNA-seq. Scientific reports, 15(1), 2583.

Li X, et al. (2025) A comprehensive analysis to reveal the underlying molecular mechanisms

of natural killer cell in thyroid carcinoma based on single-cell RNA sequencing data. Discover oncology, 16(1), 44.

Hu L, et al. (2025) Network pharmacology combined with experimental verification for exploring the potential mechanism of phellodendrine against depression. Scientific reports, 15(1), 1958.